Author Index

Aarsaether, N., Berge, R.K., Aarsland, A., Svardal, A. and Ueland, P.M.
Effect of methotrexate on long-chain fatty acid metabolism in liver of rats fed a standard or a defined, choline-deficient diet (958) 70
Aarsland, A., see Aarsaether, N. (958) 70
Arcolano, L., see McKibbin, J. (958) 235
Ashida, H., see Minamoto, S. (958) 199
Astruc, M.E., see Lahoua, Z. (958) 396
Athias, P., see Grynberg, A. (958) 24
Awai, M., see Ogino, T. (958) 388

Baker, N., see Lyon, I. (958) 188
Baritussio, A., see Bruni, R. (958) 255
Bartolini, G., see Minghetti, L. (958) 315
Beaumelle, B.D. and Vial, H.J.
Acyl-CoA synthetase activity in *Plasmodium knowlesi*-infected erythrocytes displays peculiar substrate specificities (958) 1
Benevento, M., see Bruni, R. (958) 255
Berge, R.K., see Aarsaether, N. (958) 70
Bierman, E.L., see Slotte, J.P. (958) 308
Blanche, P.J., Nichols, A.V., Forte, T.M. and Gong, E.L.
Characterization of complexes of egg yolk phosphatidylcholine and apolipoprotein A-II prepared in the absence and presence of sodium cholate (958) 143
Bordet, J.-C., Guichardant, M. and Lagarde, M.
Hydroperoxides produced by $n-6$ lipoxygenation of arachidonic and linoleic acids potentiate synthesis of prostacyclin related compounds (958) 460
Borgeat, P., see Fruteau de Laclos, B. (958) 424
Borthakur, A., Ramadoss, C.S. and Rao, A.G.A.
Physico-chemical studies on two forms of Bengal gram lipoxygenase: implication for structural differences (958) 40
Bowman, L., see Ma, J.Y.C. (958) 163
Brasitus, T.A., Dahiya, R. and Dudeja, P.K.
Rat proximal small intestinal Golgi membranes: lipid composition and fluidity (958) 218
Brattain, M., see McKibbin, J. (958) 235
Bremer, J., see Gatt, S. (958) 130
Brenner, R.R., see Marra, C.A. (958) 93
Bruni, R., Baritussio, A., Quaglino, D., Gabelli, C., Benevento, M. and Ronchetti, I.P.
Postnatal transformations of alveolar surfactant in the rabbit: changes in pool size, pool morphology and isoforms of the 32–38 kDa apolipoprotein (958) 255
Bukkens, S.G.F., see Reubsaet, F.A.G. (958) 434

Cai, H.-J., He, Z.-G. and Ding, Y.-N.
Effects of monocyte macrophages stimulation on hepatic lipoprotein receptors (959) 334
Chander, A. and Fisher, A.B.
Choline-phosphate cytidyltransferase activity and phosphatidylcholine synthesis in rat granular pneumocytes are increased with exogenous fatty acids (958) 343
Chap, H., see Collet, X. (958) 81
Chiricolo, M., see Minghetti, L. (958) 315
Chollet, F., see Collet, X. (958) 81
Clandinin, M.T., see Garg, M.L. (958) 139
Collet, X., Perret, B., Chollet, F., Hullin, F., Chap, H. and Douste-Blazy, L.
Uptake of HDL unesterified and esterified cholesterol by human endothelial cells. Modulation by HDL phospholipolysis and cell cholesterol content (958) 81

Daffé, M., Lanéelle, M.-A., Lacave, C. and Lanéelle, G.
Monoglycosyldiacylphenol-phthiocerol of *Mycobacterium tuberculosis* and *Mycobacterium bovis* (958) 443
Dahiya, R., see Brasitus, T.A. (958) 218
Davis, K.S., see Patterson, C.E. (958) 60
De Alaniz, M.J.T., see Marra, C.A. (958) 93
Degois, M., see Grynberg, A. (958) 24
Dennis, E.A., see Hazlett, T.L. (958) 172
De Paulet, A.C., see Lahoua, Z. (958) 396
Ding, Y.-N., see Cai, H.-J. (959) 334
Douste-Blazy, L., see Collet, X. (958) 81
Douste-Blazy, L., see Salvayre, R. (958) 477
Duboucher, C., see Salvayre, R. (958) 477
Dudeja, P.K., see Brasitus, T.A. (958) 218

Fawzy, A.A., see Gamache, D.A. (958) 116
Finotti, E., see Mingrone, G. (958) 52
Fisher, A.B., see Chander, A. (958) 343
Forte, T.M., see Blanche, P.J. (958) 143
Franceschi, C., see Minghetti, L. (958) 315
Franson, R.C., see Gamache, D.A. (958) 116
Frohlich, J., see Pritchard, P.H. (958) 227
Fruteau de Laclos, B. and Borgeat, P.
Conditions for the formation of the oxo derivatives of arachidonic acid from platelet 12-lipoxygenase and soybean 15-lipoxygenase (958) 424
Fujii, S., see Ichihara, K. (958) 125

Gabelli, C., see Bruni, R. (958) 255
Gallinger, S., see Harvey, P.R.C. (958) 10

Gamache, D.A., Fawzy, A.A. and Franson, R.C.
Preferential hydrolysis of peroxidized phospholipid by lysosomal phospholipase C (958) 116
Garg, M.L., Keelan, M., Thomson, A.B.R. and Clandinin, M.T.
Fatty acid desaturation in the intestinal mucosa (958) 139
Gatt, S., Bremer, J. and Osmundsen, H.
Pyrene dodecanoic acid coenzyme A ester: peroxisomal oxidation and chain shortening (958) 130
German, B., see Lokesh, B.R. (958) 99
Gilat, T., see Harvey, P.R.C. (958) 10
Gong, E.L., see Blanche, P.J. (958) 143
Greco, A.V., see Mingrone, G. (958) 52
Grynberg, A., Nalbone, G., Degois, M., Leonardi, J., Athias, P. and Lafont, H.
Activities of some enzymes of phospholipid metabolism in cultured rat ventricular myocytes in normoxic and hypoxic conditions (958) 24
Guichardant, M., see Bordet, J.-C. (958) 460

Haeggström, J., Wetterholm, A., Hamberg, M., Meijer, J., Zipkin, R. and Rådmark, O.
Enzymatic formation of 5,6-dihydroxy-7,9,11,14-eicosatetraenoic acid: kinetics of the reaction and stereochemistry of the product (958) 469
Hall, E.R., see Rajagopalan, S. (958) 108
Hamberg, M., see Haeggström, J. (958) 469
Harms-Ringdahl, M., see Vaca, C.E. (958) 375
Harvey, P.R.C., Somjen, G., Gilat, T., Gallinger, S. and Strasberg, S.M.
Vesicular cholesterol in bile. Relationship to protein concentration and nucleation time (958) 10
Hazlett, T.L. and Dennis, E.A.
Effect of phospholipids on fluorescence polarization and lifetimes of fluorescein-labeled phospholipase A_2 (958) 172
He, Z.-G., see Cai, H.-J. (959) 334
Hirata, M.H., see Oliveira, H.C.F. (958) 211
Hullin, F., see Collet, X. (958) 81

Ichihara, K., Takahashi, T. and Fujii, S.
Diacylglycerol acyltransferase in maturing safflower seeds: its influences on the fatty acid composition of triacylglycerol and on the rate of triacylglycerol synthesis (958) 125
Ikegami, S., see Tai, T. (958) 134

Kanazawa, K., see Minamoto, S. (958) 199
Karlsson, K.-A., see McKibbin, J. (958) 235
Kawaguchi, H. and Yasuda, H.
Effect of elastase on phospholipase activity in aortic smooth muscle cells (958) 450
Kawashima, I., see Tai, T. (958) 134
Keelan, M., see Garg, M.L. (958) 139
Kelleher, J.A., see Stubbs, Jr., E.B. (958) 247
Kinsella, J.E., see Lokesh, B.R. (958) 99
Kivits, G.A.A. and Nugteren, D.H.
The urinary excretion of prostaglandins E and their corresponding tetranor metabolites by rats fed a diet rich in eicosapentaenoate (958) 289
Klimek, J.
The involvement of superoxide and iron ions in the NADPH-dependent lipid peroxidation in human placental mitochondria (958) 31
Kostner, G.M., see Steyrer, E. (958) 484
Kudchodkar, B.J., see Pritchard, P.H. (958) 227
Kunze, D., see Schlame, M. (958) 493
Kushwaha, R.S., see Rainwater, D.L. (958) 416

Lacave, C., see Daffé, M. (958) 443
Lacko, A.G., see Pritchard, P.H. (958) 227
Lafont, H., see Grynberg, A. (958) 24
Lagarde, M., see Bordet, J.-C. (958) 460
Lageron, A., see Salvayre, R. (958) 477
Lahoua, Z., Astruc, M.E. and De Paulet, A.C.
Serum-induced arachidonic acid release and prostaglandin biosynthesis are potentiated by oxygenated sterols in NRK 49F cells (958) 396
Lanéelle, G., see Daffé, M. (958) 443
Lanéelle, M.-A., see Daffé, M. (958) 443
Larson, G., see McKibbin, J. (958) 235
Lenting, H.B.M., Nicolay, K. and Van den Bosch, H.
Regulatory aspects of mitochondrial phospholipase A_2: correlation of hydrolysis rates with substrate configuration as evidenced by ^{31}P-NMR (958) 405
Leonardi, J., see Grynberg, A. (958) 24
Licastro, F., see Minghetti, L. (958) 315
Lokesh, B.R., German, B. and Kinsella, J.E.
Differential effects of docosahexaenoic acid and eicosapentaenoic acid on suppression of lipoxygenase pathway in peritoneal macrophages (958) 99
Longmore, W.J., see Uhal, B.D. (958) 279
Lyon, I., Ookhtens, M., Montisano, D. and Baker, N.
Fat pad triacylglycerol fatty acid loss and oxidation as indices of total body triacylglycerol fatty acid mobilization and oxidation in starving mice (958) 188

Ma, J.K.H., see Ma, J.Y.C. (958) 163
Ma, J.Y.C., Ma, J.K.H., Weber, K.C., Bowman, L., Reasor, M.J. and Miles, P.R.
Association of chlorphentermine with phospholipids in rat alveolar lavage materials, alveolar macrophages and type II cells (958) 163
McIntire, L.V., see Rajagopalan, S. (958) 108
McKibbin, J., Arcolano, L., Karlsson, K.-A., Larson, G., Thurin, J. and Brattain, M.
Glycosphingolipids of cultured human colon carcinoma cells and their drug-resistant sublines (958) 235
McLeod, R., see Pritchard, P.H. (958) 227
Maranhão, R.C., see Oliveira, H.C.F. (958) 211
Maret, A., see Salvayre, R. (958) 477
Marra, C.A., De Alaniz, M.J.T. and Brenner, R.R.
A dexamethasone-induced protein stimulates Δ^9-desaturase activity in rat liver microsomes (958) 93
Mastronicolis, S.K., see Nakhel, I.C. (958) 300
Meijer, J., see Haeggström, J. (958) 469
Miles, P.R., see Ma, J.Y.C. (958) 163
Minamoto, S., Kanazawa, K., Ashida, H. and Natake, M.
Effect of orally administered 9-oxononanoic acid on lipogenesis in rat liver (958) 199

Minghetti, L., Bartolini, G., Orlandi, M., Chiricolo, M., Licastro, F., Franceschi, C. and Tomasi, V.
Purification and partial characterization of serum monocytotropic factor, a platelet-derived cyclooxygenase-inducing polypeptide (958) 315
Mingrone, G., Greco, A.V., Finotti, E. and Passi, S.
Free fatty acids: a stimulus for mucin hypersecretion in cholesterol gallstone biles (958) 52
Miniadis-Meimaroglou, S., see Nakhel, I.C. (958) 300
Monnens, L.A.H., see Reubsaet, F.A.G. (958) 434
Montisano, D., see Lyon, I. (958) 188
Muth, J., see Shireman, R.B. (958) 352

Nagai, Y., see Sanai, Y. (958) 368
Nakhel, I.C., Mastronicolis, S.K. and Miniadis-Meimaroglou, S.
Phospho- and phosphonolipids of the Aegean pelagic scyphomedusa *Pelagia noctiluca* (958) 300
Nalbone, G., see Grynberg, A. (958) 24
Natake, M., see Minamoto, S. (958) 199
Nègre, A., see Salvayre, R. (958) 477
Nichols, A.V., see Blanche, P.J. (958) 143
Nicolay, K., see Lenting, H.B.M. (958) 405
Niki, E., see Yamamoto, K. (958) 19
Nugteren, D.H., see Kivits, G.A.A. (958) 289

Ogino, T. and Awai, M.
Lipid peroxidation and tissue injury by ferric citrate in paraquat-intoxicated mice (958) 388
Okumura, T., Sago, T. and Saito, K.
Effect of prostaglandins and their analogues on hormone-stimulated glycogenolysis in primary cultures of rat hepatocytes (958) 179
Oliveira, H.C.F., Hirata, M.H., Redgrave, T.G. and Maranhão, R.C.
Competition between chylomicrons and their remnants for plasma removal: a study with artificial emulsion models of chylomicrons (958) 211
Ookhtens, M., see Lyon, I. (958) 188
Orlandi, M., see Minghetti, L. (958) 315
Osmundsen, H., see Gatt, S. (958) 130

Park, M.C., see Pritchard, P.H. (958) 227
Passi, S., see Mingrone, G. (958) 52
Patterson, C.E., Davis, K.S. and Rhoades, R.A.
Regulation of fetal lung disaturated phosphatidylcholine synthesis by de novo palmitate supply (958) 60
Perret, B., see Collet, X. (958) 81
Polonovski, J., see Salvayre, R. (958) 477
Pritchard, P.H., McLeod, R., Frohlich, J., Park, M.C., Kudchodkar, B.J. and Lacko, A.G.
Lecithin:cholesterol acyltransferase in familial HDL deficiency (Tangier disease) (958) 227

Quaglino, D., see Bruni, R. (958) 255

Rabe, H., see Schlame, M. (958) 493
Rådmark, O., see Haeggström, J. (958) 469
Rainwater, D.L. and Kushwaha, R.S.
Characterization of very-low-density lipoproteins isolated from baboons, and fractionated using heparin-Sepharose chromatography (958) 416
Rajagopalan, S., McIntire, L.V., Hall, E.R. and Wu, K.K.
The stimulation of arachidonic acid metabolism in human platelets by hydrodynamic stresses (958) 108
Ramadoss, C.S., see Borthakur, A. (958) 40
Rao, A.G.A., see Borthakur, A. (958) 40
Reasor, M.J., see Ma, J.Y.C. (958) 163
Redgrave, T.G., see Oliveira, H.C.F. (958) 211
Reubsaet, F.A.G., Veerkamp, J.H., Bukkens, S.G.F., Trijbels, J.M.F. and Monnens, L.A.H.
Acyl-CoA oxidase activity and peroxisomal fatty acid oxidation in rat tissues (958) 434
Rhoades, R.A., see Patterson, C.E. (958) 60
Rice, W.R. and Singleton, F.M.
Regulation of surfactant phospholipid secretion from isolated rat alveolar type II cells by lectins (958) 205
Rocchiccioli, F., see Salvayre, R. (958) 477
Ronchetti, I.P., see Bruni, R. (958) 255
Rüstow, B., see Schlame, M. (958) 493

Sago, T., see Okumura, T. (958) 179
Saito, K., see Okumura, T. (958) 179
Saitoh, T., see Yoshida, S. (958) 361
Salvayre, R., Nègre, A., Rocchiccioli, F., Duboucher, C., Maret, A., Vieu, C., Lageron, A., Polonovski, J. and Douste-Blazy, L.
A new human pathology with visceral accumulation of long-chain *n*-alkanes; tissue distribution of the stored compounds and pathophysiological hypotheses (958) 477
Sanai, Y., Yamasaki, M. and Nagai, Y.
Monoclonal antibody directed to a Hanganutziu-Deicher active ganglioside, G_{M2} (NeuGc) (958) 368
Sandelius, A.S., see Sommarin, M. (958) 268
Schlame, M., Rabe, H., Rüstow, B. and Kunze, D.
Molecular species of mitochondrial phosphatidylcholine in rat liver and lung (958) 493
Shireman, R.B., Muth, J. and Toth, J.P.
[^{14}C]Acetate incorporation by cultured normal, familial hypercholesterolemia and Down's syndrome fibroblasts (958) 352
Singleton, F.M., see Rice, W.R. (958) 205
Slotte, J.P. and Bierman, E.L.
Fatty acid specificity of the lysosomal acid cholesterol esterase in intact human arterial smooth muscle cells (958) 308
Smutzer, G.
A fluorescent sterol probe study of human serum low-density lipoproteins (958) 323
Somjen, G., see Harvey, P.R.C. (958) 10
Sommarin, M. and Sandelius, A.S.
Phosphatidylinositol and phosphatidylinositolphosphate kinases in plant plasma membranes (958) 268
Sprecher, H., see Voss, A.C. (958) 153
Steyrer, E. and Kostner, G.M.
Activation of lecithin-cholesterol acyltransferase by apoli-

poprotein D: comparison of proteoliposomes containing apolipoprotein D, A-I or C-I (958) 484
Strasberg, S.M., see Harvey, P.R.C. (958) 10
Stubbs, Jr., E.B., Kelleher, J.A. and Sun, G.Y.
Phosphatidylinositol kinase, phosphatidylinositol-4-phosphate kinase and diacylglycerol kinase activities in rat brain subcellular fractions (958) 247
Sun, G.Y., see Stubbs, Jr., E.B. (958) 247
Svardal, A., see Aarsaether, N. (958) 70

Tada, N., see Tai, T. (958) 134
Tai, T., Kawashima, I., Tada, N. and Ikegami, S.
Different reactivities of monoclonal antibodies to ganglioside lactones (958) 134
Takahashi, T., see Ichihara, K. (958) 125
Takeshita, M., see Yoshida, S. (958) 361
Thomson, A.B.R., see Garg, M.L. (958) 139
Thurin, J., see McKibbin, J. (958) 235
Tomasi, V., see Minghetti, L. (958) 315
Toth, J.P., see Shireman, R.B. (958) 352
Trijbels, J.M.F., see Reubsaet, F.A.G. (958) 434

Ueland, P.M., see Aarsaether, N. (958) 70
Uhal, B.D. and Longmore, W.J.
Glycerol metabolism in type II pneumocytes isolated from streptozotocin-diabetic rats (958) 279

Vaca, C.E., Wilhelm, J. and Harms-Ringdahl, M.
Studies on lipid peroxidation in rat liver nuclei and isolated nuclear membranes (958) 375
Van den Bosch, H., see Lenting, H.B.M. (958) 405
Veerkamp, J.H., see Reubsaet, F.A.G. (958) 434
Vial, H.J., see Beaumelle, B.D. (958) 1
Vieu, C., see Salvayre, R. (958) 477
Voss, A.C. and Sprecher, H.
Metabolism of 6,9,12-octadecatrienoic acid and 6,9,12,15-octadecatetraenoic acid by rat hepatocytes (958) 153

Weber, K.C., see Ma, J.Y.C. (958) 163
Wetterholm, A., see Haeggström, J. (958) 469
Wilhelm, J., see Vaca, C.E. (958) 375
Wu, K.K., see Rajagopalan, S. (958) 108

Yamamoto, K. and Niki, E.
Interaction of α-tocopherol with iron: antioxidant and prooxidant effects of α-tocopherol in the oxidation of lipids in aqueous dispersions in the presence of iron (958) 19
Yamasaki, M., see Sanai, Y. (958) 368
Yasuda, H., see Kawaguchi, H. (958) 450
Yoshida, S., Saitoh, T. and Takeshita, M.
Hydrogen transfer by NADPH-dependent reductases in elongation of very-long-chain saturated and polyunsaturated fatty-acyl-CoA in swine cerebral microsomes (958) 361

Zipkin, R., see Haeggström, J. (958) 469